



Los Angeles Regional Water Quality Control Board

October 6, 2014

Mr. James D. Cashel
General Counsel
Breeze-Eastern Corporation
35 Melanie Lane
Whippany, New Jersey 07981

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7099 3220 0000 1743 7499

Mr. Steven Loye
Chief Executive Officer
Senior Aerospace SSP
2980 North San Fernando Boulevard
Burbank, California 91504

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7013 1090 0000 7172 5539

SUBJECT: REQUIREMENT FOR TECHNICAL REPORT PURSUANT TO CALIFORNIA WATER CODE SECTION 13267 ORDER NO. R4-2014-0176

SITE: STAINLESS STEEL PRODUCTS/INDUSTRIES, 2980 SAN FERNANDO BOULEVARD, BURBANK, CALIFORNIA (FILE NO. 104.1005)

Dear Messrs. Cashel and Loye:

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board) is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses within major portions of the Los Angeles and Ventura counties, including the above-referenced site (Site).

The Regional Board is investigating potential sources for groundwater contamination within the United States Environmental Protection Agency (USEPA) San Fernando Valley Superfund Site (Superfund Site). It is known that groundwater within the Superfund Site, including the vicinity of the Stainless Steel Products/Industries facility, is contaminated with volatile organic compounds (VOCs) and heavy metals, particularly chromium.

The Regional Board has reviewed the most recent available groundwater monitoring report, dated November 29, 2006 submitted by The Source Group, Inc. on behalf of the Site. This report shows that tetrachloroethylene and trichloroethylene concentrations in all three onsite groundwater monitoring wells exceed the maximum contaminant levels established by the State Water Resource Control Board Division of Drinking Water (DDW). In addition, hexavalent chromium concentration in well W-3 also exceeds the maximum contaminant level established by the DDW.

Enclosed is a Regional Board order for technical report requirements pursuant to California Water Code section 13267 Order No. R4-2014-0176 (Order). This Order has been issued for implementation of a semiannual groundwater monitoring program to assess current Site groundwater conditions.

Should you have any questions related to this matter, please contact Ms. Jillian Ly at (213) 576-6731 or jillian.ly@waterboards.ca.gov.

Sincerely,



Samuel Unger, P.E.
Executive Officer

Enclosure: California Water Code Section 13267 Order No. R4-2014-0176

cc: Mr. Leo Chan, City of Glendale
Ms. Lisa Hanusiak, USEPA Region IX
Mr. Bill Mace, City of Burbank Water Supply Department
Mr. Albert Gastelum, Los Angeles Department of Water & Power
Mr. Jonathan Leung, Los Angeles Department of Water & Power
Mr. Vahe Dabbaghian, Los Angeles Department of Water & Power
Mr. Richard Slade, ULARA Watermaster
Mr. John A. Simon, Gnarus Advisors LLC
Mr. Robert C. Goodman, Rogers Joseph O'Donnell

Los Angeles Regional Water Quality Control Board

**ORDER TO PROVIDE A TECHNICAL REPORT FOR
GROUNDWATER MONITORING
CALIFORNIA WATER CODE SECTION 13267 ORDER NO. R4-2014-0176**

DIRECTED TO BREEZE-EASTERN CORPORATION AND SENIOR AEROSPACE SSP

**STAINLESS STEEL PRODUCTS/INDUSTRIES
2980 NORTH SAN FERNANDO BOULEVARD, BURBANK, CALIFORNIA
(FILE NO. 104.1005)**

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board) makes the following findings and issues this Order pursuant to California Water Code (CWC) section 13267, which authorizes the Regional Board to require the submittal of technical and monitoring reports.

1. The groundwater within the San Fernando Valley Groundwater Basin (Basin) has been impacted by discharges of volatile organic compounds (VOCs), specifically tetrachloroethylene (PCE) and trichloroethylene (TCE) and heavy metals, specifically chromium. The San Fernando Valley Superfund Site (Superfund Site) lies within the Basin. The United States Environmental Protection Agency (USEPA) and the Regional Board are investigating the potential sources of the discharges to the Basin. The agencies are currently focused on identifying individuals and companies responsible for the discharges of VOCs and chromium in the Basin and holding them responsible for the investigation and remediation of the source sites. The property located at 2980 North San Fernando Boulevard, in the City of Burbank, California (Site) is impacted with PCE, TCE and chromium.
2. The Site was developed and occupied by Stainless Steel Products/Industries since approximately 1952. The Site is currently owned by Rexford Industrial of Los Angeles, California and occupied by Senior Aerospace SSP, a successor to Stainless Steel Products. Stainless Steel Products (SSP) Industries is a wholly-owned subsidiary of Breeze-Eastern Corporation. Stainless Steel Products/Industries operations at the Site included the use of caustics, petroleum products, chlorinated solvents, hexavalent chromium, sodium dichromate, and chromic acid. Metal coating and metal finishing processes were part of the on-site operations conducted by Stainless Steel Products/Industries. Previous subsurface investigations documented that releases of PCE and TCE had occurred to the soil depths of 90 feet below ground surface (bgs). Site investigation activities have included soil gas surveys, soil boring and sampling, geoprobe installation, groundwater monitoring well installation, groundwater sampling and other site assessment activities. A soil vapor extraction system operated at the Site from 1998 through 2002. The Regional Board issued a No Further Requirement letter for the unsaturated zone for the VOC investigation in April 2005. Groundwater sampling was last conducted at the Site in 2006.

In September 2012, the Site was issued a CWC section 13267 Order by the Regional Board for the investigation of heavy metals based on the previous use of chemicals of concern. The heavy metals investigation is underway. While Stainless Steel Products/Industries and Breeze-Eastern Corporation are participating in site investigation activities under the oversight of the Regional Board, groundwater data from the three onsite monitoring wells (W-1 through W-3) has not been collected in recent years to assess the current groundwater conditions.

3. CWC section 13267(b)(1) states:

"In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or, discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports."

4. The Regional Board staff has reviewed the most recent available groundwater monitoring report, *Fourth Quarter 2006 Groundwater Monitoring and Sampling Report*, dated November 29, 2006, submitted by the Source Group, Inc. on behalf of the Site. Review of the report indicates that:

- a. PCE and TCE concentrations in onsite groundwater monitoring wells W-1 through W-3 exceeds the maximum contaminant levels established by the State Water Resource Control Board Division of Drinking Water (DDW). Hexavalent chromium concentrations in onsite groundwater monitoring well W-3 also exceeds the maximum contaminant level established by the DDW.
 - b. The maximum concentration of PCE, TCE, and hexavalent chromium was detected in well W-3 at concentrations of 785 micrograms per liter ($\mu\text{g/L}$), 2,990 $\mu\text{g/L}$, and 31.1 $\mu\text{g/L}$, respectively.
5. This Order identifies Breeze-Eastern Corporation and Senior Aerospace SSP as the entities responsible for the discharges of waste identified in paragraphs two (2) and four (4) because SSP Industries, a wholly-owned subsidiary of Breeze-Eastern Corporation was the former entity who operated and Senior Aerospace SSP, a successor to Stainless Steel Products is the current entity who operated the activity that resulted in the potential discharge of waste to the subsurface.
6. This Order requires the persons/entities named herein to prepare and submit groundwater monitoring and analyses reports in order to evaluate the conditions at the Site. You are expected to submit a complete report, as required by this Order, to the Regional Board. The

Regional Board may reject the report if it is deemed incomplete and/or require revisions to the groundwater monitoring fieldwork performance under this Order.

7. The Regional Board needs this information in order to:
 - a. Evaluate the status of groundwater conditions at the Stainless Steel Products/Industries facility.
 - b. Determine whether the Site is a chronic source of constituents of concern to the groundwater resources beneath the Site and whether the conditions presently are threatening the waters of the State within the Basin.
8. The burdens, including costs, of these reports bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. The information is necessary to identify sources of discharges of waste to the Basin and to assure adequate cleanup of the facility, which as described above potentially poses significant threats to public health and the environment.
9. The issuance of this Order is an enforcement action by a regulatory agency and is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to section 15321(a)(2), Chapter 3, Title 14 of the California Code of Regulations. This Order requires submittal of technical and/or monitoring reports and work plans. The proposed activities under the work plan are not yet known. It is unlikely that implementation of the work associated with this Order could result in anything more than minor physical changes to the environment. If the implementation may result in significant impacts on the environment, the appropriate lead agency will address the CEQA requirements prior to implementing any work plan.
10. Any person aggrieved by this action of the Regional Board may petition the State Water Resources Control Board (State Board) to review the action in accordance with Water Code section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Board must receive the petition by 5:00 p.m., 30 days after the date of this Order, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet at the following link:

http://www.waterboards.ca.gov/public_notices/petitions/water_quality

or will be provided upon request.

THEREFORE, IT IS HEREBY ORDERED that Breeze-Eastern Corporation, and Senior Aerospace SSP pursuant to section 13267(b) of the CWC, are required to submit the following:

1. **By January 15, 2015**, submit a semiannual groundwater sampling and monitoring report for wells W-1 through W-3 which includes at least the following information:

- a. Groundwater monitoring reports shall include a contour map showing groundwater elevations at the Site and the groundwater flow direction. The semiannual groundwater monitoring reports shall include tables summarizing the historical depth-to-water, groundwater elevations and historical analytical results for each monitoring well. The results of any monitoring done more frequently than required at the locations specified in this Order shall be reported to the Regional Water Board. Field monitoring well sampling sheets shall be completed for each monitoring well sampled and included in the report.
- b. All sampling and analyses shall be by USEPA approved methods. The test methods chosen for detection of the constituents of concern shall be subject to review and concurrence by the Regional Board.
- c. Laboratory analytical reports to be included in technical reports shall contain a complete list of chemical constituents which are tested for and reported on by the testing laboratory. In addition, the reports shall include both the method detection limit and the practical quantification limit for the testing methods. All samples shall be analyzed within the allowable holding time. All quality assurance/quality control (QA/QC) samples must be run on the same dates when samples were actually analyzed. Proper chain of custody procedures must be followed and a copy of the completed chain of custody form shall be submitted with the report. All analyses must be performed by a CDPH accredited laboratory.
- d. The Regional Board's Quality Assurance Project Plan, September 2008, can be used as a reference and guidance for project activities involving sample collection, handling, analysis and data reporting. The guidance is available on the Regional Board's web site at:

http://www.waterboards.ca.gov/rwqcb4/water_issues/programs/remediation/Board_SGV-SFVCleanupProgram_Sept2008_QAPP.pdf

- e. The following shall constitute the monitoring program for groundwater:

Constituent	EPA Method
Volatile Organic Compounds (full scan)	EPA 8260B
Metals	EPA 6010B
Hexavalent Chromium	EPA 7199
Perchlorate	EPA 314.0
1,4-dioxane	EPA 8270C
N-Nitrosodimethylamine (NDMA)	EPA 1625C
Temperature	Field*
pH	Field*
Electrical Conductivity	Field*
Dissolved oxygen	Field*
Oxidation-Reduction Potential (ORP)	Field*
Turbidity	Field*

*Field - To be measured in the field.

2. Subsequent semiannual groundwater monitoring shall be conducted in accordance with the following schedule:

<u>Reporting Period</u>	<u>Report Due Date</u>
January – June	July 15
July – December	January 15

The above item shall be submitted to:

Ms. Jillian Ly, P.E.
Water Resources Control Engineer
Remediation Section
Los Angeles Regional Water Quality Control Board
320 West 4th Street, Suite 200
Los Angeles, California 90013
Phone: (213) 576-6731
Email: jillian.ly@waterboards.ca.gov

Pursuant to 13267(a) of the CWC, any person who fails to submit reports in accordance with the Order is guilty of a misdemeanor. Pursuant to section 13268(b)(1) of the CWC, failure to submit the required report described above by the specified due date(s) may result in the imposition of administrative civil liability by the Regional Board in an amount up to one thousand dollars (\$1,000) per day for each day the report is not received after the above due date. These civil liabilities may be assessed by the Regional Board for failure to comply, beginning with the date that the violations first occurred, and without further warning.

The Regional Board, under the authority given by the CWC section 13267, subdivision (b)(1), requires you to include a perjury statement in all reports submitted under the 13267 Order. The perjury statement shall be signed by a senior authorized Breeze-Eastern Corporation and Senior Aerospace SSP representative (not by a consultant). The perjury statement shall be in the following format:

"I, [NAME], certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision, in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

The State Board adopted regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, California Code of Regulation) requiring the electronic submittal of information (ESI) for all site cleanup programs, starting January 1, 2005. Currently, all of the information on electronic submittals and GeoTracker contacts can be found on the Internet at the following link:

http://www.waterboards.ca.gov/ust/electronic_submittal.

To comply with the above referenced regulation, you are required to upload all technical reports, documents, and well data to GeoTracker by the due dates specified in the Regional Board letters and orders issued to you or for the Site. However, the Regional Board may request that you submit hard copies of selected documents and data in addition to electronic submittal of information to GeoTracker.

SO ORDERED.

A handwritten signature in blue ink, appearing to read "Samuel Unger", is written over a horizontal line.

Samuel Unger, P.E.
Executive Officer

10-6-2014
Date